

Applicant: Prendergast et al.
For: ISOLATION SYSTEM WITH ANALOG COMMUNICATION ACROSS
AN ISOLATION BARRIER

ABSTRACT OF DISCLOSURE

- 5 An isolation system with analog communication across an isolation barrier includes
an isolation barrier circuit having at least one isolation element; a digital to analog circuit
having an analog output connected to the isolation barrier and an input for receiving an
input digital signal to be communicated across the isolation barrier; and an analog to digital
circuit having an input coupled to the analog output of the isolation barrier circuit for
10 providing a digital output signal.